



#3

OIPE

RAW SEQUENCE LISTING

DATE: 02/11/2002

PATENT APPLICATION: US/09/923,625

TIME: 09:35:25

Input Set : A:\00-713-B1 seq list.txt

Output Set: N:\CRF3\02112002\I923625.raw

ENTERED

3 <110> APPLICANT: Mirkin, Chad A.
 4 Letsinger, Robert L.
 5 Mucic, Robert C.
 6 Storhoff, James J.
 7 Elghanian, Robert
 9 <120> TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
 10 AND USES THEREFOR
 12 <130> FILE REFERENCE: 00-713-B1
 14 <140> CURRENT APPLICATION NUMBER: 09/923,625
 C--> 15 <141> CURRENT FILING DATE: 2002-01-15
 17 <150> PRIOR APPLICATION NUMBER: 09/240,755
 18 <151> PRIOR FILING DATE: 1999-01-29
 20 <150> PRIOR APPLICATION NUMBER: PCT/US97/12783
 21 <151> PRIOR FILING DATE: 1997-07-21
 23 <150> PRIOR APPLICATION NUMBER: 60/031,809
 24 <151> PRIOR FILING DATE: 1996-07-29
 26 <160> NUMBER OF SEQ ID NOS: 42
 28 <170> SOFTWARE: Microsoft Word 2000
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 20
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 37 synthetic sequence
 39 <400> SEQUENCE: 1
 40 aaacgactct agcgcgtata 20
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 20
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 50 synthetic sequence
 52 <400> SEQUENCE: 2
 53 atggcaacta tacgcgctag 20
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 16
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 63 synthetic sequence

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65 <400> SEQUENCE: 3
66 ccttgagatt tccctc 16
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 16
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence:random
76     synthetic sequence
78 <400> SEQUENCE: 4
79 gaggggaaatc tcaagg 16
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 18
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence:random
89     synthetic sequence
91 <400> SEQUENCE: 5
92 aacttgcgct aatggcga 18
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 26
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence:random
102     synthetic sequence
104 <400> SEQUENCE: 6
105 aagttgcgct ttacggctaa tggcga 26
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 15
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence:random
115     synthetic sequence
117 <400> SEQUENCE: 7
118 tctccttccc ttttc 15
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 15
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:random
128     synthetic sequence
130 <400> SEQUENCE: 8
131 gaaaagggaa ggaga 15
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 15

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136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence:random
141     synthetic sequence
143 <400> SEQUENCE: 9
144 cttttccctt cctct                                     15
147 <210> SEQ ID NO: 10
148 <211> LENGTH: 28
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence:random
154     synthetic sequence
156 <400> SEQUENCE: 10
157 aaacgactct agcgcgtata gttgccat                       28
160 <210> SEQ ID NO: 11
161 <211> LENGTH: 28
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence:random
167     synthetic sequence
169 <400> SEQUENCE: 11
170 atggcaacta tacgcgctag agtcgttt                       28
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 15
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence:random
180     synthetic sequence
182 <400> SEQUENCE: 12
183 cctatcgacc atgct                                     15
186 <210> SEQ ID NO: 13
187 <211> LENGTH: 30
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence:random
193     synthetic sequence
195 <400> SEQUENCE: 13
196 agcatggtcg ataggaaacg actctagcgc                   30
199 <210> SEQ ID NO: 14
200 <211> LENGTH: 15
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence:random

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TIME: 09:35:25

Input Set : A:\00-713-B1 seq list.txt

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206      synthetic sequence
208 <400> SEQUENCE: 14
209 gcgctagagt cgttt                                     15
212 <210> SEQ ID NO: 15
213 <211> LENGTH: 30
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence:random
219      synthetic sequence
221 <400> SEQUENCE: 15
222 agcatggtcg ataggatggc aactatacgc                     30
225 <210> SEQ ID NO: 16
226 <211> LENGTH: 24
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence:random
232      synthetic sequence
234 <400> SEQUENCE: 16
235 gtcgatagga aacgactcta gcgc                             24
238 <210> SEQ ID NO: 17
239 <211> LENGTH: 30
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Description of Artificial Sequence:random
245      synthetic sequence
247 <400> SEQUENCE: 17
248 agcatggttg ataggaaaacg actctagcgc                     30
251 <210> SEQ ID NO: 18
252 <211> LENGTH: 30
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence:random
258      synthetic sequence
260 <400> SEQUENCE: 18
261 agcatgtttg ataggaaaacg actctagcgc                     30
264 <210> SEQ ID NO: 19
265 <211> LENGTH: 12
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence:random
271      synthetic sequence
273 <400> SEQUENCE: 19
274 tctcaactcg ta                                         12
277 <210> SEQ ID NO: 20

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TIME: 09:35:25

Input Set : A:\00-713-B1 seq list.txt

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278 <211> LENGTH: 12
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence:random
284     synthetic sequence
286 <400> SEQUENCE: 20
287 cgcattcagg at                                     12
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 24
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence:random
297     synthetic sequence
299 <400> SEQUENCE: 21
300 tacgagttga gagagtgcc acat                         24
303 <210> SEQ ID NO: 22
304 <211> LENGTH: 24
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence:random
310     synthetic sequence
312 <400> SEQUENCE: 22
313 tacgagttga gaatcctgaa tgcg                         24
316 <210> SEQ ID NO: 23
317 <211> LENGTH: 24
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence:random
323     synthetic sequence
325 <400> SEQUENCE: 23
326 tacgagttga gaatcctgaa tgct                         24
329 <210> SEQ ID NO: 24
330 <211> LENGTH: 24
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence:random
336     synthetic sequence
338 <400> SEQUENCE: 24
339 tacgagttga gactcctgaa tgcg                         24
342 <210> SEQ ID NO: 25
343 <211> LENGTH: 23
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/923,625

DATE: 02/11/2002

TIME: 09:35:26

Input Set : A:\00-713-B1 seq list.txt

Output Set: N:\CRF3\02112002\I923625.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date